

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 0108 River Farms

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0108 River Farms

Waterway			Bank	Unit Miles
Unit No. 01 Colusa Basin Drain			Left	20.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/16/2018 - 3/16/2018			
DWR Inspector	Zach Jojola			
Accompanied By	Gary Marler RD0108			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0108_01_s_2013_5				
Comment Code					
Inspector Comment					
RD 108 has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0108_01_s_2013_7				
Comment Code					
Inspector Comment					
RD 108 maintains a stockpile of flood response materials.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0108_01_s_2013_9				
Comment Code					
Inspector Comment					
RD 108 has written response plans and regular flood response training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	36
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.822897 °	38.822897 °
				-121.797000 °	-121.797000 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37608 DS_ID:17943 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 1 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014					

LM Start	0.06	Rating **	M	Issue No.	36 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_37608_68207.jpg



View of concrete structure visible on waterward side.

Photo 2 of 3 : UCIP_SP_2018_37608_68210.jpg



Dense vegetation on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	36 (cont)	
LM End	0.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822897 °	38.822897 °	
				-121.797000 °	-121.797000 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37608 DS_ID:17943 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 1 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014						

Photo 3 of 3 : UCIP_SP_2018_37608_68208.jpg



View of concrete structure visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	37
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.822919 °	38.822919 °
				-121.797046 °	-121.797046 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:37609
DS_ID:22386
EP_NO: 9396
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.
FIELD_STRUCT_DESC: *ABANDONED* 2 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].
FS Date: 6/10/2014

LM Start	0.06	Rating **	M	Issue No.	37 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_37609_68211.jpg



Concrete structure located on waterward side.

Photo 2 of 3 : UCIP_SP_2018_37609_68215.jpg



Dense vegetation covers the waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	37 (cont)	
LM End	0.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822919°	38.822919°	
				-121.797046°	-121.797046°	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37609 DS_ID:22386 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 2 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014						

Photo 3 of 3 : UCIP_SP_2018_37609_68213.jpg



View of concrete structure located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	38	
LM End	0.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822933 °	38.822933 °	
				-121.797081 °	-121.797081 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37610 DS_ID:22387 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 3 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014						

Photo 1 of 3 : UCIP_SP_2018_37610_68216.jpg



Concrete structure located on waterward side.

LM Start	0.06	Rating **	M	Issue No.	38 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_37610_68219.jpg



Dense vegetation covers waterward side slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	38 (cont)	
LM End	0.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822933 °	38.822933 °	
				-121.797081 °	-121.797081 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37610 DS_ID:22387 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 3 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014						

Photo 3 of 3 : UCIP_SP_2018_37610_68217.jpg



Concrete structure located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	39
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.822897 °	38.822897 °
				-121.797000 °	-121.797000 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:37611
DS_ID:22388
EP_NO: 9396
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.
FIELD_STRUCT_DESC: *ABANDONED* 4 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].
FS Date: 6/10/2014

LM Start	0.06	Rating **	M	Issue No.	39 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_37611_68220.jpg



Concrete structure located on waterward side.

Photo 2 of 3 : UCIP_SP_2018_37611_68224.jpg



Waterward slope covered by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	39 (cont)	
LM End	0.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822897 °	38.822897 °	
				-121.797000 °	-121.797000 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37611 DS_ID:22388 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 4 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014						

Photo 3 of 3 : UCIP_SP_2018_37611_68222.jpg



Concrete structure visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.07	Rating **	M	Issue No.	40	
LM End	0.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822954 °	38.822954 °	
				-121.797135 °	-121.797135 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37607 DS_ID:22389 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 5 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014						

Photo 1 of 3 : UCIP_SP_2018_37607_68203.jpg



Concrete structure located on waterward side.

LM Start	0.07	Rating **	M	Issue No.	40 (cont)
LM End	0.07	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_37607_68206.jpg



Waterward slope covered by dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.07	Rating **	M	Issue No.	40 (cont)	
LM End	0.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822954 °	38.822954 °	
				-121.797135 °	-121.797135 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:37607 DS_ID:22389 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: *ABANDONED* 5 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 6/10/2014						

Photo 3 of 3 : UCIP_SP_2018_37607_68204.jpg



Concrete structure located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	2.91	Rating **	M	Issue No.	41	
LM End	2.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.838696 °	38.838696 °	
				-121.845843 °	-121.845843 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39707 DS_ID:24875 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No signs of pipe visible--need to contact owner to obtain permit number authorizing work. If crossing is no longer used by owner, the owner will need to coordinate with DWR Inspector and CVFPB to remove crossing according to Title 23 requirements. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: Corrugated metal pipe (CMP) riser on the waterside (WS). Riser is filled with trash and debris. Unable to determine if a crossing exists at this location. This riser was field discovered. FS Date: 3/18/2014						

Photo 1 of 3 : UCIP_SP_2018_39707_71682.jpg



View of waterward side.

LM Start	2.91	Rating **	M	Issue No.	41 (cont)
LM End	2.91	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_39707_71681.jpg



CMP riser located on waterward toe--2/3 filled with soil and trash.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	2.91	Rating **	M	Issue No.	41 (cont)	
LM End	2.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.838696 °	38.838696 °	
				-121.845843 °	-121.845843 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39707						
DS_ID:24875						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: No signs of pipe visible--need to contact owner to obtain permit number authorizing work. If crossing is no longer used by owner, the owner will need to coordinate with DWR Inspector and CVFPB to remove crossing according to Title 23 requirements. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: Corrugated metal pipe (CMP) riser on the waterside (WS). Riser is filled with trash and debris. Unable to determine if a crossing exists at this location. This riser was field discovered.						
FS Date: 3/18/2014						

Photo 3 of 3 : UCIP_SP_2018_39707_71680.jpg



View of waterward slope.

LM Start	2.99	Rating **	C	Issue No.	34
LM End	2.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.839151 °	38.839151 °
				-121.847321 °	-121.847321 °
DWR ID	DWR_RD0108_01_f_2017_34				
Comment Code					
GA : Garbage					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	4.16	Rating **	C	Issue No.	15
LM End	4.20	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.843700 °	38.843780 °	
			-121.867990 °	-121.868650 °	
DWR ID	DWR_RD0108_01_s_2018_15				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:208 Site Designation:FSRP-15-28 Repair Type: Stability Rating:Area of Concern Field Date:8/28/2017 Notes: no new damage this year. Historical slope stability. Continue to monitor.					

No Photos

LM Start	9.17	Rating **	C	Issue No.	10
LM End	9.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.895605 °	38.896086 °	
			-121.914645 °	-121.914646 °	
DWR ID	DWR_RD0108_01_s_2017_10				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
200' section of multiple sloughs. District submitted request for PL 84-99 assistance.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	9.18	Rating **	C	Issue No.	17	
LM End	9.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.895833 °	38.896142 °	
				-121.914672 °	-121.914445 °	
DWR ID	DWR_RD0108_01_f_2017_17					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:220						
Site Designation:RD 108-05						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes:						

No Photos

LM Start	9.29	Rating **	C	Issue No.	18
LM End	9.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.897338 °	38.897583 °
				-121.914672 °	-121.914688 °
DWR ID	DWR_RD0108_01_f_2017_18				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:219					
Site Designation:RD 108-04					
Repair Type: Erosion					
Rating:Critical					
Field Date:7/18/2017					
Notes:					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	9.30	Rating **	C	Issue No.	31
LM End	9.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.897494 °	38.897494 °
				-121.914680 °	-121.914680 °
DWR ID	DWR_RD0108_01_s_2017_31				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
100' sloughing section on waterside slope. District submitted application for PL 84-99 assistance.					

No Photos

LM Start	9.66	Rating **	M	Issue No.	16
LM End	9.66	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.902691 °	38.902691 °
				-121.914645 °	-121.914645 °
DWR ID	DWR_RD0108_01_f_2016_16				
Comment Code					
ST : Stairway					
Inspector Comment					
Department of Fish and Game staff is using stairway to access their monitoring site. Unable to verify permit.					

Photo 1 of 1 : SP_2018_RD0108_203_16_20180306_00003.jpg



View of a steel stairway on WS slope. Fall 2016 inspection.

LM Start	9.91	Rating **	C	Issue No.	30
LM End	9.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.906419 °	38.906419 °
				-121.914671 °	-121.914671 °
DWR ID	DWR_RD0108_01_s_2018_30				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	10.77	Rating **	M	Issue No.	21
LM End	10.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.918902 °	38.918902 °
				-121.914589 °	-121.914589 °
DWR ID	DWR_RD0108_01_s_2018_21				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Minor erosion on landside slope.					

Photo 1 of 1 : SP_2018_RD0108_203_21_20180316_00051.jpg



View of erosion on landside slope. Spring 2018.

LM Start	11.24	Rating **	M	Issue No.	42
LM End	11.24	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.925662 °	38.925662 °
				-121.914303 °	-121.914303 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39717 DS_ID:24876 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional details of crossing. FIELD_STRUCT_DESC: Natural gas pipeline of an unknown size or material slightly angled through the levee, at an unknown depth. Markers on both sides of the levee. Gas station located across the canal on the landside (LS). This crossing was field discovered. FS Date: 3/18/2014					

Photo 1 of 3 : UCIP_SP_2018_39717_71705.jpg



View of marker visible on shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	11.24	Rating **	M	Issue No.	42 (cont)
LM End	11.24	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.925662 °	38.925662 °
				-121.914303 °	-121.914303 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39717 DS_ID:24876 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional details of crossing. FIELD_STRUCT_DESC: Natural gas pipeline of an unknown size or material slightly angled through the levee, at an unknown depth. Markers on both sides of the levee. Gas station located across the canal on the landside (LS). This crossing was field discovered. FS Date: 3/18/2014					

Photo 2 of 3 : UCIP_SP_2018_39717_71704.jpg



Owner contact information listed on marker.

LM Start	11.24	Rating **	M	Issue No.	42 (cont)
LM End	11.24	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_39717_71703.jpg



Marker visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	12.68	Rating **	C	Issue No.	19	
LM End	12.70	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.945305	°	38.945717
				-121.906692	°	-121.906717
DWR ID	DWR_RD0108_01_f_2017_19					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:218						
Site Designation:RD 108-03						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes: levee crown is inaccessible by vehicle due to crown slip failure						

No Photos

LM Start	12.68	Rating **	C	Issue No.	32
LM End	12.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.945376 °	38.945719 °
				-121.906768 °	-121.906773 °
DWR ID	DWR_RD0108_01_s_2017_32				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
150' sloughing section on crown and landside slope. District submitted an application for PL 84-99 assistance.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	14.42	Rating **	A/W	Issue No.	28
LM End	14.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.966547 °	38.966547 °
				-121.922360 °	-121.922360 °
DWR ID	DWR_RD0108_01_f_2017_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Small rodent holes on landside slope. Recommend monitoring for future activity.					

Photo 1 of 1 : SP_2018_RD0108_203_28_20180316_00050.jpg



View of small rodents holes on landside slope. Spring 2018.

LM Start	14.47	Rating **	C	Issue No.	20	
LM End	14.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.967062	°	38.967770
				-121.923103		°
DWR ID	DWR_RD0108_01_f_2017_20					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:217						
Site Designation:RD 108-02						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes:						

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	14.47	Rating **	C	Issue No.	33
LM End	14.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.967062 °	38.967784 °
				-121.923113 °	-121.924148 °
DWR ID	DWR_RD0108_01_s_2017_33				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
400' sloughing section on landside slope. District submitted an application for PL 84-99 assistance.					

No Photos

LM Start	14.94	Rating **	M	Issue No.	43
LM End	14.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.971607 °	38.971607 °
				-121.929499 °	-121.929499 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37623 DS_ID:17942 EP_NO: 3800 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--marker missing on waterward side. FIELD_STRUCT_DESC: 20-inch concrete encased steel natural gas pipeline through the levee, 3 feet below the crown. Crossing appears to be angled through the levee. Small rock revetment on the waterside (WS) slope, unable to locate. Gas well approximately 1000 feet off the landside (LS) toe. (Plans to construct and maintain a 20-inch gas line across the Sacramento River authorized under Permit No. 3800, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/10/2014					

Photo 1 of 3 : UCIP_SP_2018_37623_68246.jpg



Marker visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	14.94	Rating **	M	Issue No.	43 (cont)
LM End	14.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.971607°	38.971607°
				-121.929499°	-121.929499°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:37623 DS_ID:17942 EP_NO: 3800 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--marker missing on waterward side. FIELD_STRUCT_DESC: 20-inch concrete encased steel natural gas pipeline through the levee, 3 feet below the crown. Crossing appears to be angled through the levee. Small rock revetment on the waterside (WS) slope, unable to locate. Gas well approximately 1000 feet off the landside (LS) toe. (Plans to construct and maintain a 20-inch gas line across the Sacramento River authorized under Permit No. 3800, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/10/2014					

LM Start	14.94	Rating **	M	Issue No.	43 (cont)
LM End	14.94	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_37623_68245.jpg



Contact information for gas line going through levee.

Photo 3 of 3 : UCIP_SP_2018_37623_68244.jpg



View of waterward side. No marker visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	17.26	Rating **	C	Issue No.	22
LM End	17.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.995187 °	38.995772 °
				-121.960158 °	-121.960617 °
DWR ID	DWR_RD0108_01_f_2017_22				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:216					
Site Designation:RD 108-01					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/18/2017					
Notes:					

No Photos

LM Start	17.26	Rating **	C	Issue No.	35
LM End	17.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.995293 °	38.995785 °
				-121.960200 °	-121.960776 °
DWR ID	DWR_RD0108_01_s_2017_35				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
200' sloughing section on landside slope. District submitted an application for PL 84-99 assistance.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	17.73	Rating **	C	Issue No.	24
LM End	17.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.000307 °	39.000307 °
				-121.966020 °	-121.966020 °
DWR ID	DWR_RD0108_01_f_2017_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

LM Start	18.24	Rating **	C	Issue No.	29
LM End	18.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.005766 °	39.005766 °
				-121.972346 °	-121.972346 °
DWR ID	DWR_RD0108_01_f_2015_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	18.92	Rating **	M	Issue No.	6
LM End	19.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.013160 °	39.017000 °
				-121.980808 °	-121.985364 °
DWR ID	DWR_RD0108_01_s_2012_6				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is at the toe of the levee.					

Photo 1 of 1 : SP_2018_RD0108_203_6_20180306_00001.jpg



View of the ditch at the toe of the levee on the landward side looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	03/16/2018 03/16/2018	Zach Jojola

LM Start	19.27	Rating **	M	Issue No.	1
LM End	19.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.016727 °	39.017516 °
				-121.985411 °	-121.986374 °
DWR ID	DWR_RD0108_01_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_19-2_L]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0108 River Farms

Waterway			Bank	Unit Miles
Unit No. 02 Castle Properties			Right	0.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/13/2018 - 3/13/2018			
DWR Inspector	Zach Jojola			
Accompanied By	Gary Marler RD0108			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	03/13/2018 03/13/2018	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	1
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.796756 °	38.796756 °
				-121.727099 °	-121.727099 °
DWR ID	DWR_RD0108_02_s_2018_1				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree branch on wanterside slope.					

Photo 1 of 1 : SP_2018_RD0108_590_1_20180313_00003.jpg



View of tree branch on the waterside slope. Spring 2018.

LM Start	0.14	Rating **	C	Issue No.	8
LM End	0.15	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.797632 °	38.797760 °
				-121.726162 °	-121.726070 °
DWR ID	DWR_RD0108_02_f_2015_8				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Cracks seems to have closed up after multiple inspection seasons. Recommend monitoring.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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